

ABSTRACT OF THE DISCLOSURE

A method for automatically tracing an interface for an exchange and a subscriber network, includes setting an operator, reference, a procedure for notifying an event are defined, so that a user could perform interface tracing for an exchange and a subscriber network using a network management system such as EMS.

The method for automatically tracing a subscriber applied to a communication system, includes: receiving setting particulars from an operator in order to perform tracing of a subscriber with respect to an interface for LE (Local Exchange) and a subscriber network (AN: Access network); checking setting particulars of the operator by receiving trace request for the interface from the operator, performing tracing relevant to the setting particulars, providing tracing results to the operator; and providing information for an event so that the operator could check the information upon occurrence of a trace event at an interface relevant to the setting particulars of the operator. Therefore, all the systems having, in their inside, an interface protocol for an exchange and a subscriber network, such as a V5.2 protocol, could perform cause tracking upon generation of problems in a more easy and convenient manner when problems are generated upon matching due to characteristics of each AN or an LE and a system vendor.